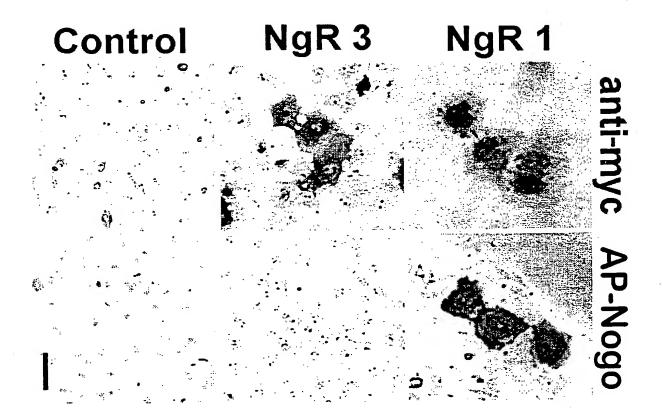
FIG. 1A

2	yys yy. 'Y.	100 LLT MVT LTI	150 OSL HAL HTL	200 	250 TLFN TLFN TLFA -LF-
	SCPMLCTCYS GCPRDCVCYP PCPGACVCYN -CPC-CY-	100 TFGSNLLT HFSPAMVT SFRACRNLTI -F	150 FQCLERLQSL FQCLVKLHAL FHCLGRLHTL F-CLLL	200 DLANLSHLFL DLVNLSHLFL DLGNLTHLFL DL-NL-HLFL	SRLTILY HRLTTLF GRLMTLY -RLL-
	LALPLAAP SI LAGELPLGG. G LWLQAWQVAA P L	NNLIRTLRPG T NNRITFLQQG H GNRISHVPAA S	150 RHLRSLEPDT FQGLERLQSL RQLRTLAPET FQGLVKLHAL AQLRSVDPAT FHGLGRLHTL LRP-T F-GLLL	200 LLHLQDDLFA DLANLSHLFL IEYLQDDIFV DLVNLSHLFL LQALPDDTFR DLGNLTHLFL L-DD-F- DL-NL-HLFL	250 GVHRAAFRGL SRLTILYLFN WVHHKAFHDL HRLTTLFLFN HVHPHAFRDL GRLMTLYLFA -VHAFL -RLL-LF-
	LA LAGE LWLQ L	NNLI NNRI GNRI -N-I		LLHI IEYI LQAI	GVH WVH HVH -VH
	ACLLLML GCCVELLLLL AGGSRLLAWV	100 PPSTQRLFLQ NNLIRTLRPG TFGSNLLT PEDSERIFLQ NNRITFLQQG HFSPAMVT PAASQRIFLH GNRISHVPAA SFRACRNLTI PR-FLN-IF	ALEELDLGDN HLEELDLGDN LLEQLDLSDN -LE-LDL-DN	LQYLYLQENS LLHLQDDLFA I LQYLYLQDNH IEYLQDDIFV I LQYLYLQDNA LQALPDDTFR I LQYLYLQ-NL-DD-F- I	250 RLLLHGNRLQ GVHRAAFRGL SRLTILYLFN RLLLHENQLQ WVHHKAFHDL HRLTTLFLFN RLLLHQNRVA HVHPHAFRDL GRLMTLYLFA RLLLH-NVHAFL -RLL-LF-
	MSWQSGTTVT QSPVQAAQVS GCCVELLLL LAGELPLGG. MSWQSGTTVT QSPVQAAQVS GCCVELLLL LAGELPLGG. MSWQSGTTVT QSPVQAAQVS AGGSRLLAWV LWLQAWQVAA	NNFSSVPLSL HNFAAIPEGI QGLQAVPVGI		151 YLYRCQLSSL PGNIFRGLVS LQYLYLQENS YLYKCGLSAL PAGIFGGLHS LQYLYLQDNH HLDRCGLQEL GPGLFRGLAA LQYLYLQDNA -LC-LLF-GL LQYLYLQ-N-	201 HGNRLRLLTE HVFRGLGSLD HGNKLWSLGQ GIFRGLVNLD HGNRISSVPE RAFRGLHSLD HGNFRGLLD
	MSWQSGTTVT	51 SP. PTVSCQA AP. MTVSCQA EPKVTTSCPQ -PT-SC	101 LWLFSNNLST LWIYSNNITF LWLHSNVLAR LWSN	151 HLYRCQLSSL YLYKCGLSAL HLDRCGLQEL -LC-LL	201 HGNRLRLLTE HGNKLWSLGQ HGNRISSVPE HGN
				·	
	NOGO - R2 NOGO - R3 NOGO - R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus

300 QRARVSSSDV RRFRGSSSAV QKFRGSSSEV	350 DEEPLGLPKC	400 TLYRDLPA YKKAGKNCTS PRHI.NDSPF	450 QRGEQMCPGA KRKGKCARRT NRTRSHCRLG -R	491 ~ ~ ~ P C
CRARPLWAWF CRARSLWEWL CRARPLWAWL CRAR-LW-W-	350 TCATPPERQG RDLRALREAD FQACP.P AAPTRPGSRA PCATPELRQG QDLKLLRVED FRNCTGP VSPHQIKSHT PCSLPQRLAG RDLKRLAAND LQGCAVATGP YHPIWTGRAT DEEPLGLPKC-CPG -DLLDCPP	AGAPPADPS. HGHPPGSRSG GDSPPGNGSG	SFDIMPTARP PRRRPGCSRK	HL~~~~~~ TLR~~~~~ ALVLWTVLG
RLNANPWACD RLNGNAWDCG RLNDNPWVCD RLN-N-W-C-	301 FCATPPERQG RDLRALREAD FQACP.P AAPTRPGSRA PCATPELRQG QDLKLLRVED FRNCTGP VSPHQIKSHT PCSLPQRLAG RDLKRLAAND LQGCAVATGP YHPIWTGRAT -CPG -DLLDCPP	SSSNH.LY G.VAE RKEHHPSH G.ASRDKGHP VLEPGRPASA GNALKGRVPP	QCGDAPTE.D DYWGGYSSGKELTELQ DYAPDYQHKF LTAVRPEGSE PPGFPTSG	
LADLPSLEFL LAPLVALEFL LAPLRALQYL LA-LLL	RDLRALREAD ODLKLLRVED RDLKRLAAND -DLLD		OGGDAPTE.E V SSGKELTEL(P LTAVRPEGSE	G PALSAGLPSP Q ASSCTALGAP G DSEGSGALPS
251 NSLASLPGEA 1 NSLTELQGDC 1 NNLSALPTEA 1 N-LL 1	301 TCATPPERQC PCATPELRQC PCSLPQRLAC -CPG	351RGNLTTSDRAA CQPDAADKAS	401 EDSRCR (HRNRNQISKV S GTLPGSAEPP 1	451 ACQAPPDSRG F PIRAPSGVQQ / QAGSGGGGTG I
NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO - R2 NOGO - R3 NOGO - R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus

3/6 FIG. 2



4/6 FIG. 3

	•	5			50
Human NOGO-R1	→ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	~~~~MKRASA	GGSRLLAWVL		CPGACVCYNE
	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	~~~~MKRASS	GGSRLLAWVL		CPGACVCYNE
Murine NOGO-R3	MSWQSGTTVT	OSPVQAAQVS	GCCVELLLL	LAGELPLGGG	CPRDCVCYPA
Human NOGO-R3	5 5 5 5 5 5 5 5				
Human NOGO-R2	; ; ; ;	GLRRLLQ	APASACLLLM		CPMLCICISS
Consensus	5 5 5 5 5 5 5 5	1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	51 LRR NT	<u></u>		LRR 1	100
Human NOGO-R1	PKVTTSCPQQ	GLOAVPVGIP AASORIFLHG NRISHVPAAS	AASQRIFLHG		FRACRNLTIL
Murine NOGO-R1	PKVTTSCPQQ	GLQAVPTGIP		NRISHVPAAS	FOSCRNLTIL
Murine NOGO-R3	P.MTVSCQAH	P.MTVSCQAH NFAAIPEGIP	EDSERIFLQN NRITFLQQGH	NRITFLQQGH	FSP. AMVIL
Human NOGO-R3		~~~~~EGIP		NRIGLLQPGH	FSP. AMVTL
Human NOGO-R2	P. PTVSCQAN	P. PTVSCQAN NFSSVPLSLP	PSTORLFLON NLIRTLRPGT		
Consensus	PT-SC		PP R-FL	N-II	H
	101 LRR 2	2	LF	LRR 3	150
Human NOGO-R1	WLHSNVLARI	DAAAFTGLAL	LEQLDLSDNA	QLRSVDPATF	нсгскгитгн
Murine NOGO-R1	WLHSNALARI	DAAAFTGLTL	LEQLDLSDNA	QLHVVDPTTF	HGLGHLHTLH
Murine NOGO-R3	WIYSNNITFI	APNTFEGFVH	LEELDLGDNR	QLRTLAPETF	OGLVKLHALY
Human NOGO-R3	WIYSNNITYI	HPSTFEGFVH	LEELDLGDNR		QGLVKLHALY
Human NOGO-R2	WLFSNNLSTI	YPGTFRHLOA	LEELDLGDNR		QGLERLQSLH
Consensus	WSNI		LE-LDL-DN-	-LP-TF	-Grrr-
Y	151 LRR 4	7	LRR 5	5	200
Human NOGO-R1	LDRCGLQELG	LDRCGLQELG PGLFRGLAAL		l	LGNLTHLFLH
Murine NOGO-R1	LDRCGLRELG	PGLFRGLAAL	OYLYLQDNNL		LGNLTHLFLH
Murine NOGO-R3	LYKCGLSALP	AGIFGGLHBL	OXLYLQDNHI	EYLQDDIFVD	LUNISHLFLH
Human NOGO-R3	LYKCGLSALP				LVNLSHLFLH
Human NOGO-R2	LYRCQLSSLP	_		_	
Consensus	LC-LL-	F-GLL	OXLYLQ-N	L-DF-D	L-NL-HLFLH
	0				

5/6 FIG. 3, cont.

	250	RLMTLYLFAN RLMTLYLFAN RLTTLFLFNN RLTTLFLFNN RLTILYLFNN RLTILYLFNN	T 300 KFRGSSSEVP KFRGSSSEVP RFRGSSSAVP RFRGSSSAVP RARVSSDVT	350 EEPLGLPKCC EELLSLPKCC SDRAARKEHH TDRAARKEHH	400 RHINDSPFGT RHINDSPFGT RNRNQISKVS RNRNQISKAGEDSRGR
		VHPHAFRDLG RLMTLYLFAN VHPHAFRDLG RLMTLYLFAN VHHKAFHDLH RLTTLFLFNN VHRAAFHDLR RLTTLFLFNN VHRAAFRGLS RLTILYLFNN VH-AFL- RLL-LF-N	LRRCT 300 RARPLWAWLQ KFRGSSSEVP RARSLWEWLQ KFRGSSSAVP RARSLWEWLQ RFRGSSSAVP RARPLWAWFQ RARVSSSDVT RAR-LW-WR-SSS-V-	HPIWTGRATD RPIQTSQLTD HQIKSHTLTT HQIKSHTLTT TRPGSRA	DSPPGNGSGP DTPPGNGSGP .KAGKNCTSH .KPGKNCTNP
	LRR 7	LLLHQNRVAH LLLHQNHVAR LLLHENQLQW LLLHENQLQW LLLHGNRLQG	LINDNPWVCDC LINDNPWVCDC LINGNAWDCGC LINGNPWDCGC LINGNPWACDC LINGNPWACDC LINGNPWACDC LINGNPWACDC LINGNPWACDC	DLKRLAANDL QGCAVATGPY HPIWTGRATD DLKRLAASDL EGCAVASGPF RPIQTSQLTD DLKLLRVEDF RNCTGPVSP, HQIKSHTLTT DLKLRAEDF RNCTGPASP, HQIKSHTLTT DLRALREADF QACP.PAAP, TRPGSRA DLLDCP	LEPGRPASAG NALKGRVPPG LEPGRPASAG NALKGRVPPG HPHGHPPGSR SGYK HPHGPR PGHR APPADPS TLYR
FIG. 5, COLL		AFRGLHSLDR ILLHQNRVAH VHPHAFRDLG AFRGLHSLDR LLLHQNHVAR VHPHAFRDLG IFRGLVNLDR ILLHENQLQW VHHKAFHDLH TFRGLVNLDR LLLHENQLQW VHHKAFHDLR VFRGLGSLDR ILLHGNRLQG VHRAAFRGLS -FRGL-LDR LLLH-N VHAFL-			
	26.1 LRR 6	ISSVPER IPSVPEH LWSLGQG LWSLGPG LRLLTEH	LRR 8 NLSALPTEAL APLRALQYLR NLSMLPAEVL MPLRSLQYLR SLTELQGDCL APLVALEFLR SLSELQGECL APLGALEFLR SLASLPGEAL ADLPSLEFLR -LLLLL	301 CSLPQRLAGR CNLPQRLADR CATPELRQGQ CVSPGLRHGQ CATPPERQGR CA-P	351 QPDAADKASV QPDAADKASV PSHGASRDKG SPHGPTRSKG .LYGVA.EAG
		Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R3	Human NOGO-R1 Murine NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Consensus	Human NOGO-R1 Murine NOGO-R1 Murine NOGO-R3 Human NOGO-R3
		ΞΣΞ	ΣΣ	2 2	

6/6 FIG. 3, cont.

450 LPGSAEPPLT AVRPEGSEPP GFPTSGP RRRPGCSRKN RTRSHCRLGQ LPSSAEPPLT ALRPGGSEPP GLPTTGP RRRPGCSRKN RTRSHCRLGQ .SGKELTELQ DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ .AGKQAPELP DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ .QGGDAPTED DYWGGYGGED QRGEQMCPGA ACQAPPD	
RRRPGCSRKN RRRPGCSRKN KRKGKCARRT KRKGKCARRT QRGEQMCPGA	LVLWTVLGPC LVLWTVLGPC LVLWTVLGPC AVTLR AVTLR LLLVPHHL LLLVPHHL
GEPTSGP GLPTTGP SFDIMPTARP SFDIMPTARP	SEGSGALPSL TCSLTPLGLA LVLWTVLGPC AEGSGALPAL ACSLAPLGLA LVLWTVLGPC ASSGTALG APLLAWILGL AVTLR ASSASSLG ASLLAWILGL AVTLR SRGPALSA GLPS PLLCL LLLVPHHL SRGPALSA GLPS PLLCL LLVPHHL SRGPA
450 LPGSAEPPLT AVRPEGSEPP GFPTSGP RRRPGCSRKN RTRSHCRLGQ LPSSAEPPLT ALRPGGSEPP GLPTTGP RRRPGCSRKN RTRSHCRLGQ .SGKELTELQ DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ .AGKQAPELP DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ .QGGDAPTED DYWGGYGGED QRGEQMCPGA ACQAPPD	AGSGAGGTGD SEGSGALPSL TCSLTPLGLA LVLWTVLGPC AGSGASGTGD AEGSGALPAL ACSLAPLGLA LVLWTVLGPC ASSGTALG APLLAWILGL AVTLR ASSASSLG ASLLAWILGL AVTLR SRGPALSA GLPS PLLCL LLLVPHHL SRGPALSA GLPS PLLCL LLLVPHHL
450 LPGSAEPPLT AVRPEGSEPP GFPTSGP RRRPGCSRKN RTRSHCRLGQ LPSSAEPPLT ALRPGGSEPP GLPTTGP RRRPGCSRKN RTRSHCRLGQ .SGKELTELQ DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ .AGKQAPELP DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ .QGGDAPTED DYWGGYGGED QRGEQMCPGA ACQAPPD	451 AGSGGGGTGD AGSGASGTGD
Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R3